MASTER TL-D Super 80

MASTER TL-D Super 80 36W/835 1SL

Low-pressure mercury discharge lamps with a tubular 26 mm envelope

Product data

- General Characteristics

Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Cap-Base Information	Green Plate
Bulb	T8 [26 mm]
Life to 10% failures EM	12000 hr
Life to 10% fail Preheat EL,3h	17000 hr
Life to 10% fail Nonpreh EL,3h	10000 hr
Life to 50% failures EM	15000 hr
Life to 50% fail Preheat EL,3h	20000 hr
Life to 50% fail Nonpreh EL,3h	12000 hr
LSF EM 2000h Rated, 3h cycle	99 %
LSF EM 4000h Rated, 3h cycle	99 %
LSF EM 6000h Rated, 3h cycle	99 %
LSF EM 8000h Rated, 3h cycle	99 %
LSF EM 12000h Rated,3h cycle	89 %
LSF EM 16000h Rated,3h cycle	33 %
LSF EM 20000h Rated,3h cycle	2 %

- Light Technical Characteristics

Colour Code	835 [CCT of 3500K]
Colour Rendering Index	85 Ra8
Colour Designation	White
Colour Temperature	3500 K
Luminous Flux EM 25°C, Rated	3350 Lm
Luminous Flux EM 25°C, Nominal	3350 Lm
Luminous Flux Lamp EM 30°C	3000 Lm
Lum Efficacy Rated EM 25°C	93 Lm/W
Average Luminance EM	0.95 cd/cm2
LLMF EM 2000h Rated	96 %
LLMF EM 4000h Rated	95 %
LLMF EM 6000h Rated	94 %
LLMF EM 8000h Rated	93 %
LLMF EM 12000h Rated	92 %
LLMF EM 16000h Rated	91 %
LLMF EM 20000h Rated	90 %
Design Temperature	25 C
Chromaticity Coordinate X	409 -
Chromaticity Coordinate Y	394 -

- Electrical Characteristics

Lamp Wattage	36 W
Lamp Wattage EM 25°C, Nominal	36 W

asimpleswitch.com

PHILIPS

MASTER TL-D Super 80

Lamp Wattage EM 25°C, Rated	36.0 W
Lamp Voltage EM 25°C	103 V
Lamp Current EM 25°C	0.440 A
Dimmable	yes

- Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	2.0 mg
Energy consumption kWh/1000h	42 kWh

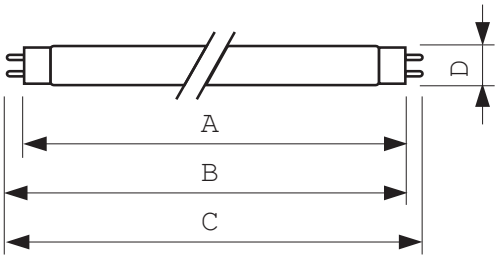
- Product Dimensions

Base Face to Base Face A	1199.4 (max) mm
Insertion Length B	1204.1 (min), 1206.5 (max) mm
Overall Length C	1213.6 (max) mm
Diameter D	28 (max) mm

- Product Data

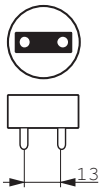
Order code	631985 40
Full product code	871150063198540
Full product name	MASTER TL-D Super 80 36W/835 1SL
Order product name	MASTER TL-D Super 80 36W/835 1SL/25
Pieces per pack	1
Packing configuration	25
Packs per outerbox	25
Bar code on pack - EAN1	8711500631985
Bar code on outerbox - EAN3	8711500631992
Logistic code(s) - 12NC	927921083523
ILCOS code	FD-36/35/1B-E-G13
Net weight per piece	160.000 gr

Dimensional drawing



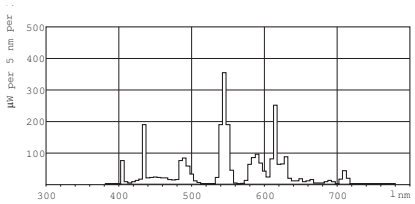
MASTER TL-D Super 80 36W/835 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL-D 36W/835	1199.4	1204.1	1206.5	1213.6	28

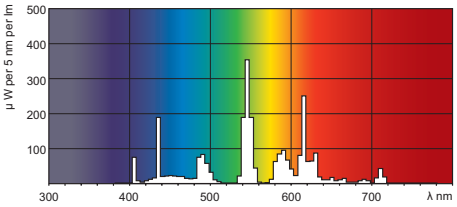


G13

Photometric data



Lightcolour /835



Lightcolour /835

© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting